



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/825,911

DATE: 09/14/2004

TIME: 09:52:18

Input Set : A:\54411-20002.00.txt

Output Set: N:\CRF4\09142004\J825911.raw

4 <110> APPLICANT: Lin, Xinli
 6 <120> TITLE OF INVENTION: METHODS FOR PRODUCTION OF RECOMBINANT
 7 UROKINASE
 9 <130> FILE REFERENCE: 544112000200
 11 <140> CURRENT APPLICATION NUMBER: US 10/825,911
 12 <141> CURRENT FILING DATE: 2004-04-16
 14 <150> PRIOR APPLICATION NUMBER: US 60/463,632
 15 <151> PRIOR FILING DATE: 2003-04-16
 17 <150> PRIOR APPLICATION NUMBER: US 60/498,134
 18 <151> PRIOR FILING DATE: 2003-08-26
 20 <150> PRIOR APPLICATION NUMBER: CN 03134847.5
 21 <151> PRIOR FILING DATE: 2003-09-25
 23 <160> NUMBER OF SEQ ID NOS: 7
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 1248
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Homo Sapiens
 32 <400> SEQUENCE: 1
 33 catatgtcca acgaactgca ccaggttcca tcgaactgtg actgtctaaa tggaggaaca 60
 34 tgtgtgtcca acaagtactt ctccaacatt cactggtgca actgccc aaa gaaattcgga 120
 35 gggcagcact gtgaaataga taagtcaaaa acctgctatg aggggaatgg tcacttttac 180
 36 cgaggaaagg ccagcactga caccatgggc cggccctgcc tgccctggaa ctctgccact 240
 37 gtccttcagc aaacgtacca tgcccacaga tctgatgctc ttcagctggg cctggggaaa 300
 38 cataattact gcaggaaccc agacaaccgg aggcgaccct ggtgctatgt gcaggtgggc 360
 39 ctaaagctgc ttgtccaaga gtgcatggtg catgactgcg cagatggaaa aaagccctcc 420
 40 tctctccag aagaattaaa atttcagtgt ggccaaaaga ctctgaggcc ccgctttaag 480
 41 attattgggg gagaattcac caccatcgag aaccagccct ggtttgcggc catctacagg 540
 42 aggcaccggg ggggctctgt cacctacgtg tgtggaggca gcctcatcag cccttgctgg 600
 43 gtgatcagcg ccacacactg cttcattgat tacccaaaga aggaggacta catcgtctac 660
 44 ctgggtcgct caaggcttaa ctccaacacg caaggggaga tgaagtttga ggtggaaaac 720
 45 ctcatcctac acaaggacta cagcgctgac acgcttgctc accacaacga cattgccttg 780
 46 ctgaagatcc gttccaagga gggcaggtgt gcgcagccat cccggactat acagaccatc 840
 47 tgccctgccct cgatgtataa cgatccccag tttggcacaa gctgtgagat cactggcctt 900
 48 ggaaaagaga attctaccga ctatctctat ccggagcagc tgaaaatgac tgttgtgaag 960
 49 ctgatttccc accgggagtg tcagcagccc cactactacg gctctgaagt caccaccaa 1020
 50 atgctgtgtg ctgctgaccc acagtggaaa acagattcct gccagggaga ctcaggggga 1080
 51 cccctcgtct gttccctcca aggcgcgatg actttgactg gaattgtgag ctggggccgt 1140
 52 ggatgtgccc tgaaggacaa gccaggcgctc tacacgagag tctcacactt cttaccctgg 1200
 53 atccgcagtc acaccaagga agagaatggc ctggccctct aactcgag 1248
 55 <210> SEQ ID NO: 2
 56 <211> LENGTH: 412
 57 <212> TYPE: PRT

ENTERED

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58 <213> ORGANISM: Homo Sapiens
60 <400> SEQUENCE: 2
61 Met Ser Asn Glu Leu His Gln Val Pro Ser Asn Cys Asp Cys Leu Asn
62 1 5 10 15
63 Gly Gly Thr Cys Val Ser Asn Lys Tyr Phe Ser Asn Ile His Trp Cys
64 20 25 30
65 Asn Cys Pro Lys Lys Phe Gly Gly Gln His Cys Glu Ile Asp Lys Ser
66 35 40 45
67 Lys Thr Cys Tyr Glu Gly Asn Gly His Phe Tyr Arg Gly Lys Ala Ser
68 50 55 60
69 Thr Asp Thr Met Gly Arg Pro Cys Leu Pro Trp Asn Ser Ala Thr Val
70 65 70 75 80
71 Leu Gln Gln Thr Tyr His Ala His Arg Ser Asp Ala Leu Gln Leu Gly
72 85 90 95
73 Leu Gly Lys His Asn Tyr Cys Arg Asn Pro Asp Asn Arg Arg Arg Pro
74 100 105 110
75 Trp Cys Tyr Val Gln Val Gly Leu Lys Leu Leu Val Gln Glu Cys Met
76 115 120 125
77 Val His Asp Cys Ala Asp Gly Lys Lys Pro Ser Ser Pro Pro Glu Glu
78 130 135 140
79 Leu Lys Phe Gln Cys Gly Gln Lys Thr Leu Arg Pro Arg Phe Lys Ile
80 145 150 155 160
81 Ile Gly Gly Glu Phe Thr Thr Ile Glu Asn Gln Pro Trp Phe Ala Ala
82 165 170 175
83 Ile Tyr Arg Arg His Arg Gly Gly Ser Val Thr Tyr Val Cys Gly Gly
84 180 185 190
85 Ser Leu Ile Ser Pro Cys Trp Val Ile Ser Ala Thr His Cys Phe Ile
86 195 200 205
87 Asp Tyr Pro Lys Lys Glu Asp Tyr Ile Val Tyr Leu Gly Arg Ser Arg
88 210 215 220
89 Leu Asn Ser Asn Thr Gln Gly Glu Met Lys Phe Glu Val Glu Asn Leu
90 225 230 235 240
91 Ile Leu His Lys Asp Tyr Ser Ala Asp Thr Leu Ala His His Asn Asp
92 245 250 255
93 Ile Ala Leu Leu Lys Ile Arg Ser Lys Glu Gly Arg Cys Ala Gln Pro
94 260 265 270
95 Ser Arg Thr Ile Gln Thr Ile Cys Leu Pro Ser Met Tyr Asn Asp Pro
96 275 280 285
97 Gln Phe Gly Thr Ser Cys Glu Ile Thr Gly Phe Gly Lys Glu Asn Ser
98 290 295 300
99 Thr Asp Tyr Leu Tyr Pro Glu Gln Leu Lys Met Thr Val Val Lys Leu
101 305 310 315 320
102 Ile Ser His Arg Glu Cys Gln Gln Pro His Tyr Tyr Gly Ser Glu Val
103 325 330 335
104 Thr Thr Lys Met Leu Cys Ala Ala Asp Pro Gln Trp Lys Thr Asp Ser
105 340 345 350
106 Cys Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Ser Leu Gln Gly Arg
107 355 360 365
108 Met Thr Leu Thr Gly Ile Val Ser Trp Gly Arg Gly Cys Ala Leu Lys

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109      370      375      380
110 Asp Lys Pro Gly Val Tyr Thr Arg Val Ser His Phe Leu Pro Trp Ile
111 385      390      395      400
112 Arg Ser His Thr Lys Glu Glu Asn Gly Leu Ala Leu
113      405      410
116 <210> SEQ ID NO: 3
117 <211> LENGTH: 46
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Synthetic Construct
124 <400> SEQUENCE: 3
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127 <210> SEQ ID NO: 4
128 <211> LENGTH: 30
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Synthetic Construct
135 <400> SEQUENCE: 4
136 ctcgagttag agggccaggc cattctcttc 30
138 <210> SEQ ID NO: 5
139 <211> LENGTH: 1239
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Synthetic Construct
146 <400> SEQUENCE: 5
147 atgagcaatg aactgcatca ggttccgagc aactgtgatt gtctgaatgg tggcacctgt 60
148 gtgagcaaca aatacttcag caacattcac tgggtgcaact gcccgaaaaa attcgggtggc 120
149 cagcactgtg aaatcgataa aagcaaaacc tgctatgaag gcaatgggtca cttttaccgc 180
150 ggcaaagcca gcaccgatac catggggccgt ccgtgcctgc cgtggaacag cgccaccgtt 240
151 ctgcagcaga cctaccatgc ccaccgtagc gatgcgctgc agctgggcct gggtaaacad 300
152 aattactgcc gcaaccggga taaccgtcgt cgtccgtggt gctatgtgca ggtgggcctg 360
153 aaaccgctgg ttcaggaatg catggtgcat gattgcgcgg atggtaaaaa accgagcagc 420
154 ccgccggaag aactgaaatt ccagtgtggc cagaaaaccc tgcgtccgcg ctttaaaatt 480
155 attggcggcg aattcaccac catcgaaaac cagccgtggt ttgcggccat ctaccgtcgt 540
156 caccgtggtg gcagcgttac ctacgtgtgt ggtggcagcc tgatcagccc gtgctgggtg 600
157 atcagcgcca cccactgctt cattgattac ccgaaaaaag aagattacat cgtttacctg 660
158 ggtcgcagcc gtctgaacag caacaccag ggcgaaatga aatttgaagt ggaaaacctg 720
159 atcctgcaca aagattacag cgcgataacc ctggcgcacc acaacgatat tgccctgctg 780
160 aaaatccgta gcaaagaagg ccgttgtgcy cagccgagcc gcaccatcca gaccatctgc 840
161 ctgccgagca tgtataacga tccgcagttt ggcaccagct gtgaaatcac cggctttggc 900
162 aaagaaaata gcaccgatta tctgtatccg gaacagctga aaatgaccgt tgtgaaactg 960
163 attagccacc gtgaatgtca gcagccgcac tactacggca gcgaagtgc caccaaaatg 1020
164 ctgtgtgcgg cggatccgca gtggaaaacc gatagctgcc aggtgatag cgggtggccg 1080
165 ctggtttgta gctgcagtg ccgcagacc ctgaccggta ttgtgagctg gggccgtggt 1140
166 tgtgccctga aagataaacc gggcgcttac acccggtgta gccacttcct gccgtggatc 1200
167 cgcagccaca ccaaagaaga aaatggcctg gcaactgtaa 1239

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Input Set : A:\54411-20002.00.txt

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169 <210> SEQ ID NO: 6
170 <211> LENGTH: 33
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Synthetic Construct
177 <400> SEQUENCE: 6
178 atcactgggt ttggacacga gaattctacc gac 33
180 <210> SEQ ID NO: 7
181 <211> LENGTH: 33
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Synthetic Construct
188 <400> SEQUENCE: 7
189 gtcggtagaa ttctcgtgtc caaagccagt gat 33

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/825,911

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TIME: 09:52:19

Input Set : A:\54411-20002.00.txt

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